IN THE CLAIMS

Please amend the claims as follows. This claim set is to replace all prior versions.

1. (Original) A polyester and alkyd polymer dispersion comprising polymers having backbone ester linkages, wherein at least a portion of the backbone ester linkages are formed from secondary and/or tertiary hydroxy groups.

2. (Original) The polyester and alkyd polymer dispersion of claim 1, wherein at least 5 mole percent of the backbone ester linkages are formed from secondary and/or tertiary hydroxy groups.

3. (Original) The polyester and alkyd polymer dispersion of claim 1, wherein at least 25 mole percent of the backbone ester linkages are formed from secondary hydroxy groups.

4. (Original) The polyester and alkyd polymer dispersion of claim 3, wherein the secondary hydroxy groups originate from polyols selected from the group consisting of 2,2,4-trimethyl pentanediol, 2,2'-bis (4-hydroxycyclohexy) propane (hydrogenated bisphenol A), propylene glycol, di-propylene glycol, poly (propylene glycol), glycerol, and sorbitol.

5. (Original) The polyester and alkyd polymer dispersion of claim 1, further comprising backbone ester linkages formed from primary hydroxy groups.

6. (Original) The polyester and alkyd polymer dispersion of claim 5, wherein the primary hydroxy groups originate from polyols selected from the group consisting of trimethylol propane, pentaerythritol, di-pentaerythritol, trimethylol ethane, neopentyl glycol, ethylene glycol, 1,3-butanediol, 1,4-butanediol, 1,6-hexanediol, 1,4-cyclohexyl dimethanol, diethylene glycol, triethylene glycol, poly (ethylene glycol), poly (tetrahydrofuran), poly(caprolactone) diol, poly(caprolactone) triol, trimethylol mono allylether, trimethylol diallyl ether, pentaerythritol triallylether, pentaerythritol diallyl ether, pentaerythritol mono allylether, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, and 2-methyl 1,3-propanediol.

7. (Original) A hydrolytically stable polymer dispersion comprising polymers having polymer backbone ester linkages, wherein at least 5 mole percent of the polymer backbone ester linkages are formed from secondary hydroxy groups.

8. (Original) The hydrolytically stable polymer dispersion of claim 7, wherein the polymer backbone ester linkages are formed from alkyl substituted epoxy compounds and alkyl substituted cyclic carbonates.

9. (Original) The hydrolytically stable polymer dispersion of claim 8, wherein the epoxy compounds and alkyl substituted cyclic carbonates are selected from the group consisting of glycidyl neodecanoate, diglycidyl ether of bisphenol A, diglycidyl ether of bisphenol F, pentaerythritol poly glycidyl ether, sorbitol polyglycydyl ether, propylene oxide, and propylene carbonate.

10. (Original) The hydrolytically stable polymer dispersion of claim 7, further comprising ester linkages formed from primary hydroxy groups.

11. (Original) The hydrolytically stable polymer dispersion of claim 10, wherein the primary hydroxy groups originate from polyols selected from the group consisting of trimethylol propane, pentaerythritol, di-pentaerythritol, trimethylol ethane, neopentyl glycol, ethylene glycol, 1,3-butanediol, 1,4-butanediol, 1,6-hexanediol, 1,4-cyclohexyl dimethanol, diethylene glycol, triethylene glycol, poly (ethylene glycol), poly (tetrahydrofuran), poly(caprolactone) diol, poly(caprolactone) triol, trimethylol mono allylether, trimethylol diallyl ether, pentaerythritol triallylether, pentaerythritol diallyl ether, pentaerythritol mono allylether, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, and 2-methyl 1,3-propanediol.

12. – 35. (Cancelled.)

36. (Original) A paint composition comprising a pigment and at least one polyester and alkyd polymer dispersion, wherein at least 5 mole percent of the polymer ester

linkages of the polyester and alkyd polymers are formed from secondary and/or tertiary hydroxy groups.

37. (Original) An ink composition comprising a pigment and at least one polyester and alkyd polymer dispersion, wherein at least 5 mole percent of the polymer ester linkages of the polyester and alkyd polymers are formed from secondary and/or tertiary hydroxy groups.

38. (Original) An adhesive composition comprising polyester and alkyd polymers, wherein at least 5 mole percent of the ester linkages of the polyester and alkyd polymers are formed from secondary and/or tertiary hydroxy groups.